

Sunil Budhdeo
Transport Innovation Manager



WEST MIDLANDS
COMBINED AUTHORITY

Innovation in Traffic Management

Projects Coventry Are Currently Involved In

- **Multi Modal Transport and Ticketing**
HoPE - (Holistic Personal Public Eco-Mobility) Working in Conjunction With WMCA
- **Driverless Cars**
UK Autodrive - Connected Vehicles and Autonomous Cars.
UK CITE
- **Intelligent Route and Speed Guidance System**
iVMS/Dynamic Routing - Using in car and on street VMS signs.
- **Intelligent Guidance to Parking and Disabled Bays**
AppyParking
- **Integrated Transport App assisting people with disabilities.**
assist-Mi - Coventry City Centre - Accessibility Pilot

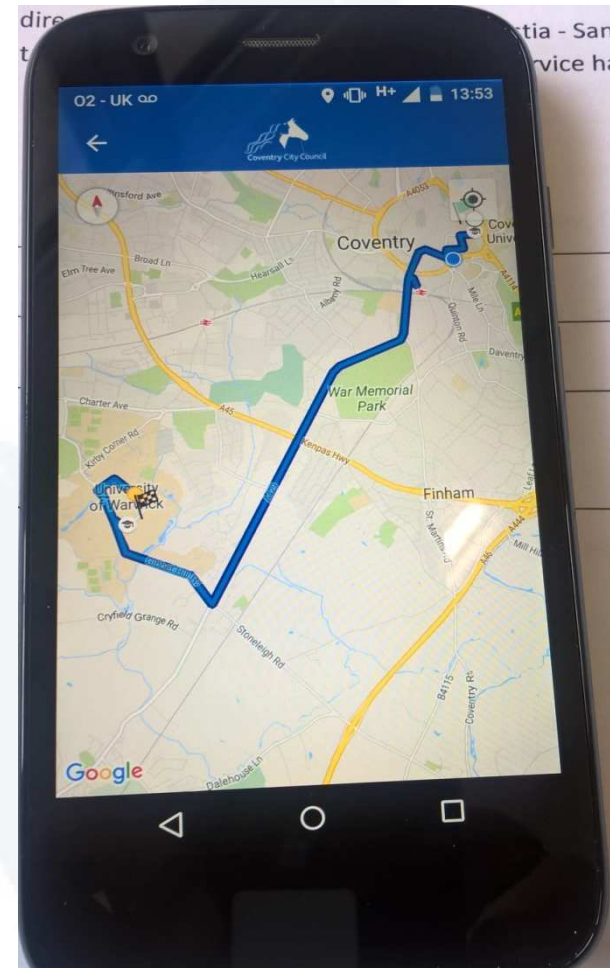
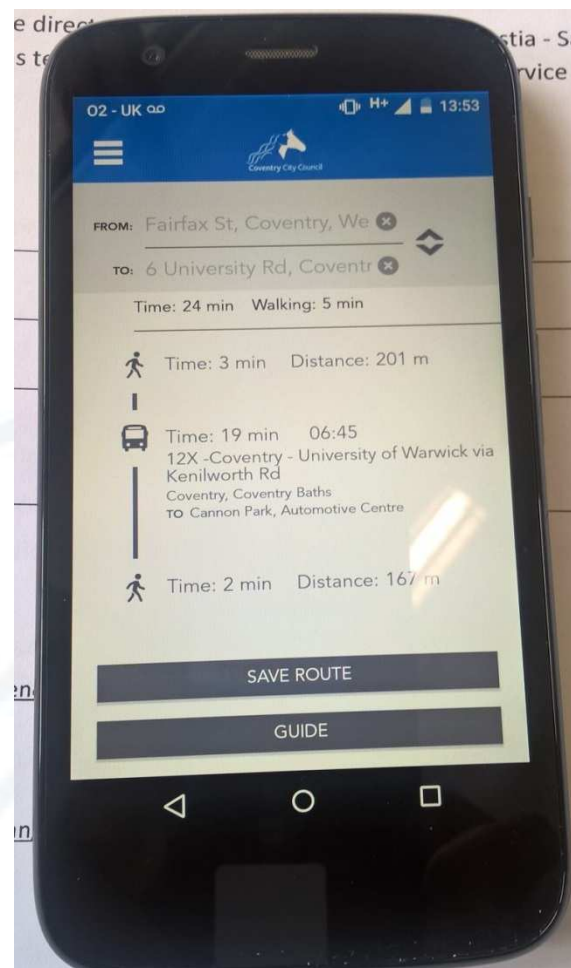
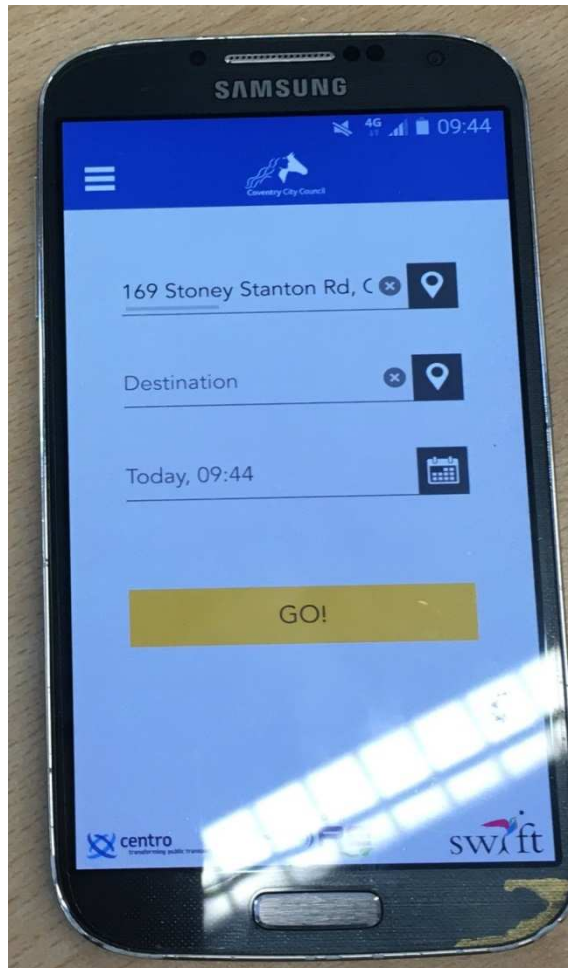
• Multi Modal Transport and Ticketing

Funded by EU FP7

- Jun 14 – Feb 17
- App will advise you of the routes available for your chosen journey on Public Transport
- You will be able to pay for the journey using the app.
- The App will be linked to the Traffic Control System
- Outputs:
- Increase reliability
- Encouraging use of Public Transport
- Link to SWIFT card making Payment for Journeys easier



Journey Planner Interfaces



Tourist Planner Interfaces



transport for athens

4:21 PM 22%

Start Location

Start Date

Number of Days

MORE OPTIONS

GO!

VIEW SAVED PLANS

transport for athens

Day 1 - 25/03/2015

Time: 15:05 hrs. - 18:42 hrs
From: Plaza de Castilla (My location)

Start Point / 9:00 hrs
Hotel Melia, Plaza de Castilla

Time: 10 min Stops: 6 **1,50€**
Plaza de Castilla Station TO Avenida de América **MORE FARES**

Time: 3 min Distance: 400 m

- Museo Nacional del Prado
Time to see: 2,5 hrs. Aprox.
- Plaza de Cibeles
Time to see: 2,5 hrs. Aprox.
- Museo de Cera
Time to see: 2,5 hrs. Aprox.
- Banco de España
Time to see: 2,5 hrs. Aprox.

UPDATE PLAN **VIEW MAP**

transport for athens

Museo Nacional del Prado - Madrid
Museums and Art Galleris

Lorem ipsum dolor sit amet, consectetur adipiscing elit. Aenean commodo ligula eget dolor. Aenean massa. Cum sociis natoque penatibus et magnis dis parturient montes, nascetur ridiculus mus.

M-S 10:00 to 20:00 h
D 10:00 to 19:00

General Ticket: 14,00 €

BACK

transport for athens

BACK TO PLAN





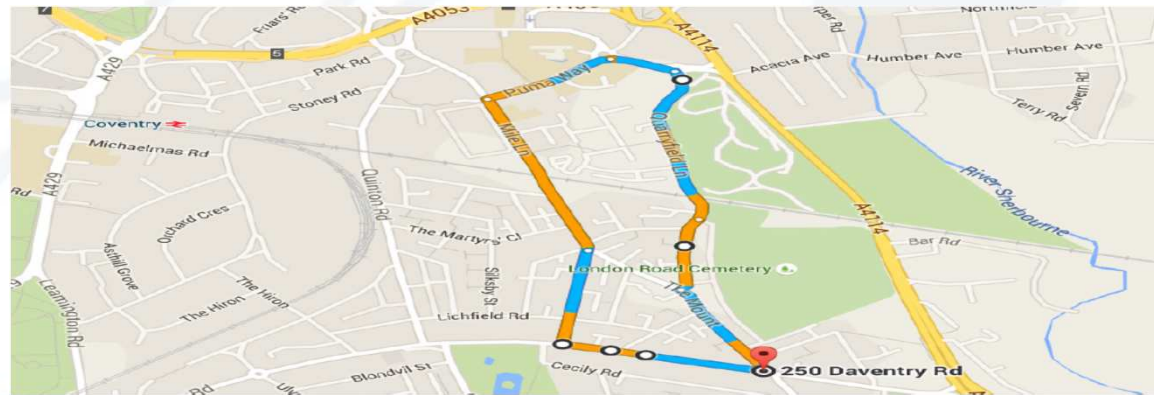
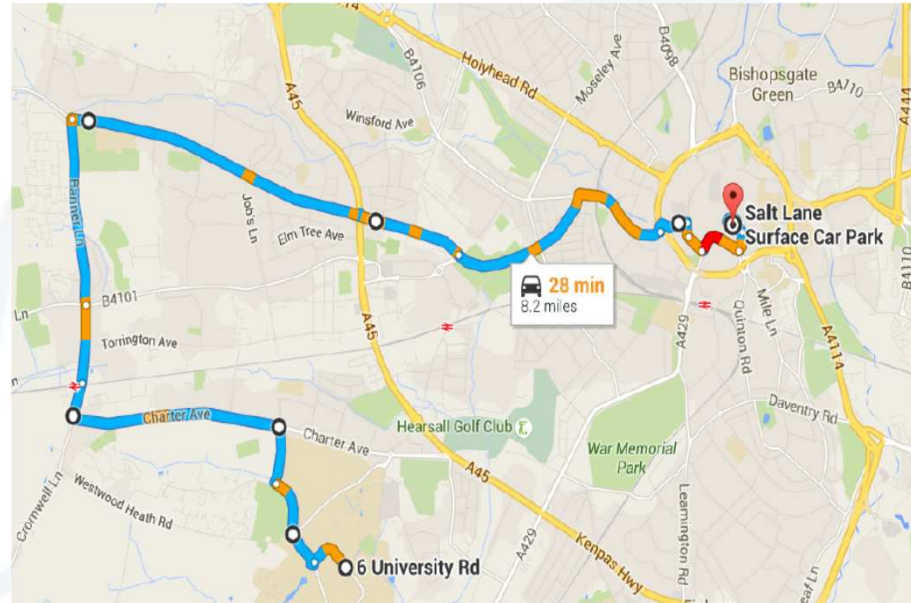
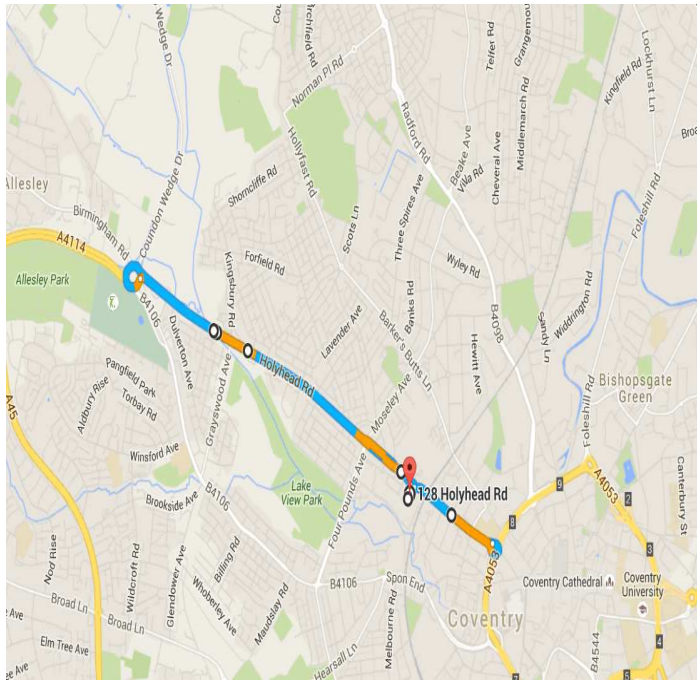
The project is part-funded by

Innovate UK
Technology Strategy Board

Driverless Cars

- Nov 15 – Nov 2018
- Using information transmitted from road side equipment - the vehicle will then determine how to proceed.
- Initial off road track testing.
- Road trials to begin 2017.

Proposed Urban Routes



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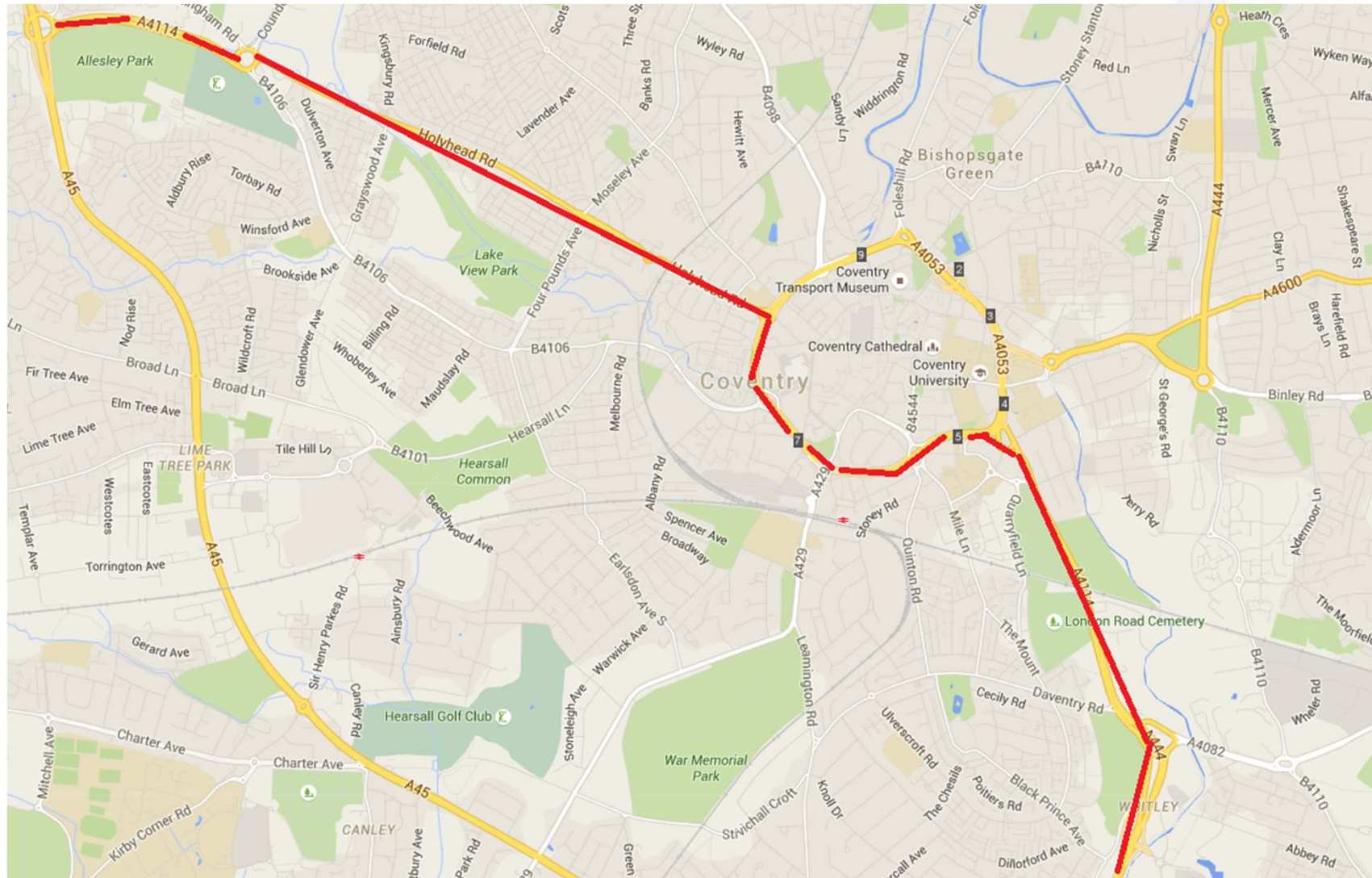
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Vehicle to Signal's and Vehicle to Vehicle Communication

- Jun 16 - Dec 18
- Involves equipping over 40 miles of A-roads / Smart Motorways.
- Include trials on urban routes similar to UK Autodrive.
- Outputs of both UK CITE / UK Autodrive include:
 - Reduce congestion, improve air quality and improve customer journey to Coventry.
 - To create the most advanced testing environment for future development.
 - UK CITE will also develop an in-vehicle App to replicate variable road messages signs.

UK CITE Proposed Routes - London Rd / Holyhead Rd



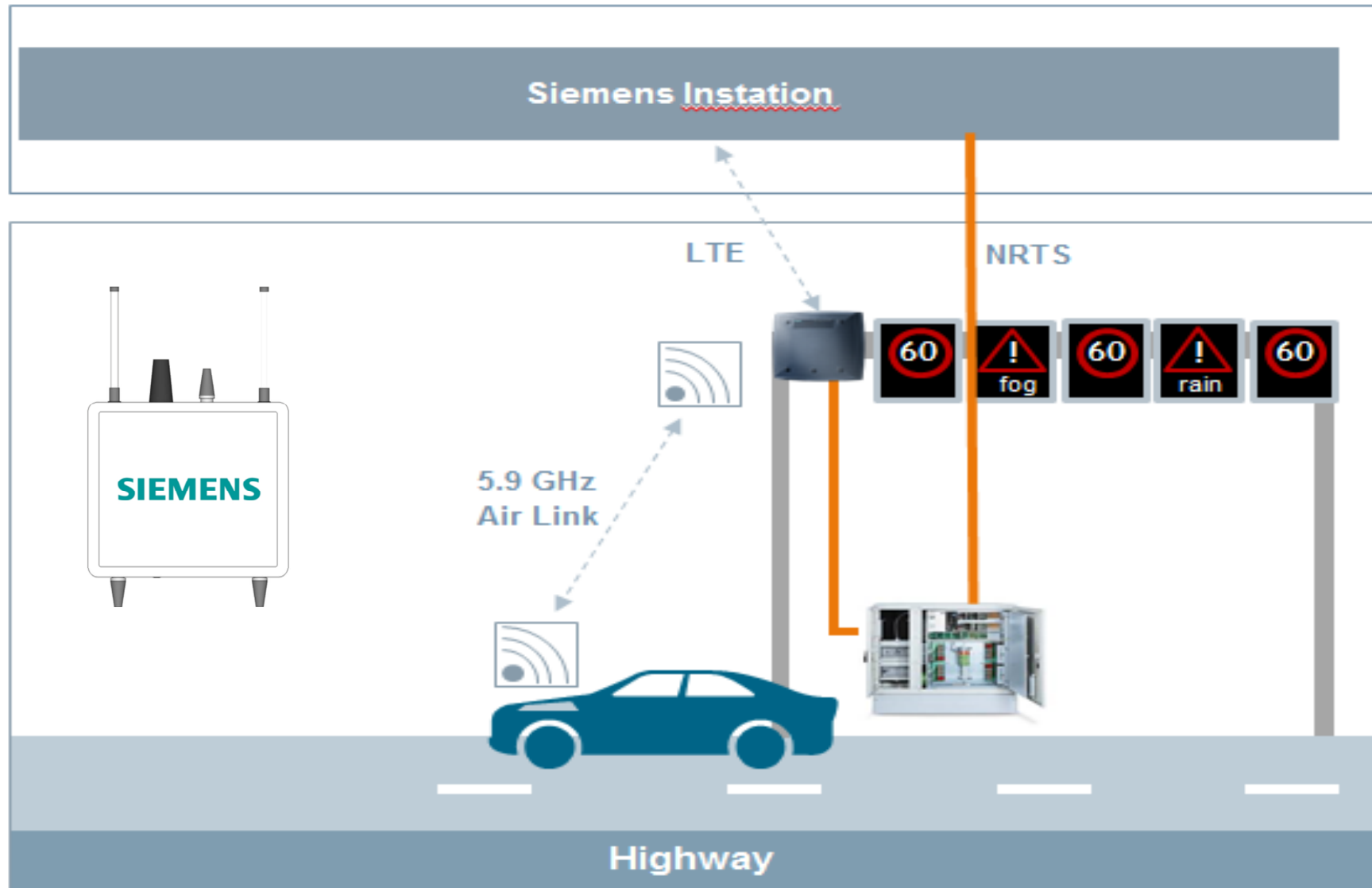
Intelligent Route and Speed Guidance System on Motorways and urban roads

- Apr 16 – Mar 18
- Lead Partner: Coventry / Siemens.
- Links to roadside signalling equipment and extract live UTC data.

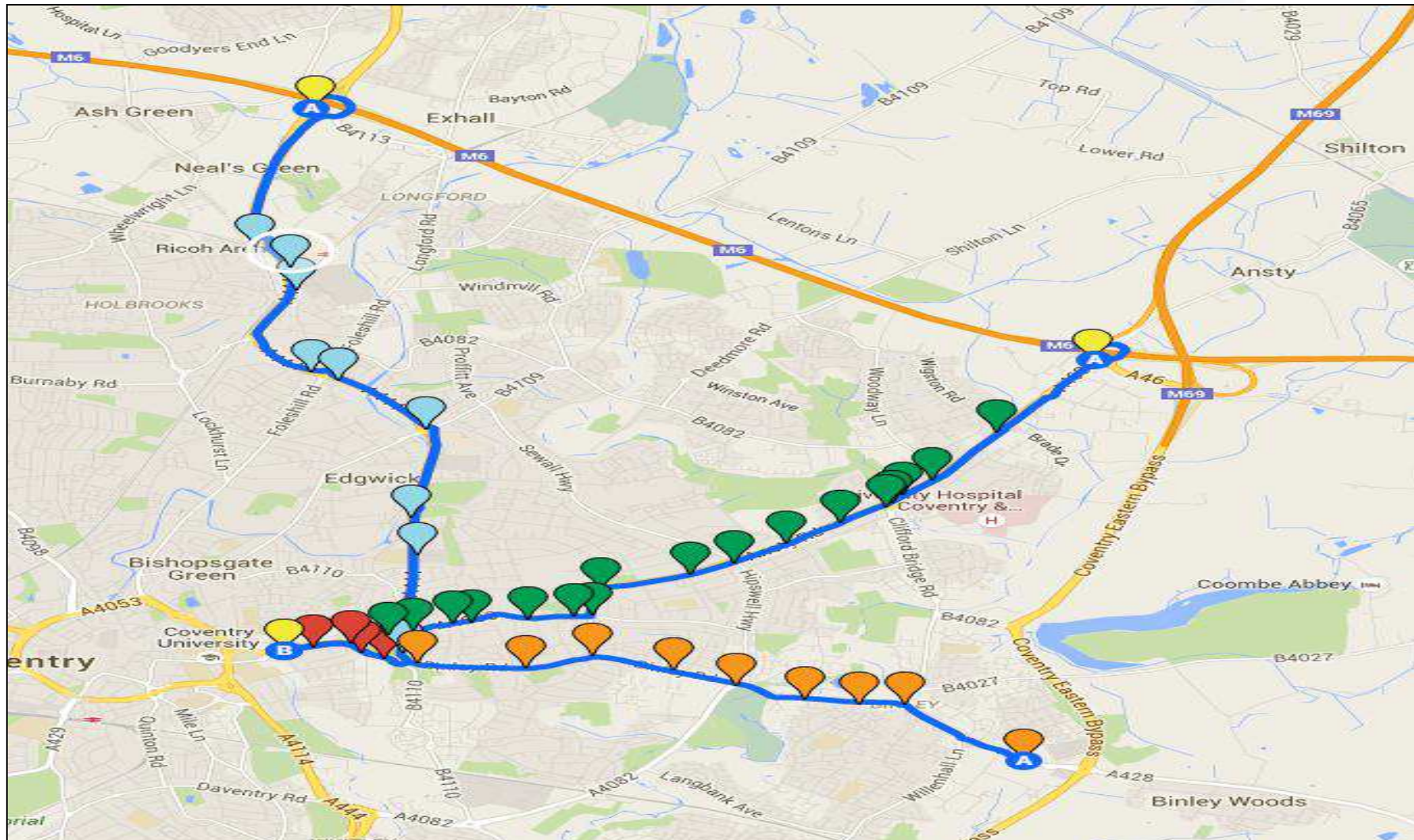
Outputs:

- To Influence Driver Choice of Route and Time of Journey to Help Reduce Delays and Congestion.
- To provide a journey planning App which covers strategic urban routes from M69 / M6 to city centre.
- Create a test-bed for Own Equipment Manufacturer's to support automotive industry and the local University's.

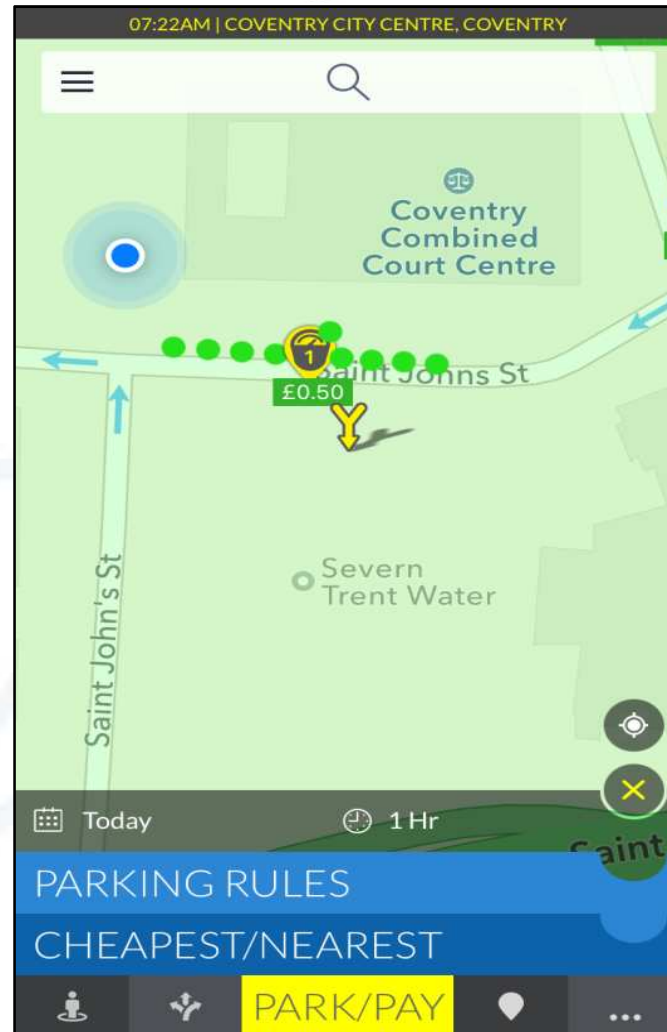
Equipment to be Installed on CCC Network



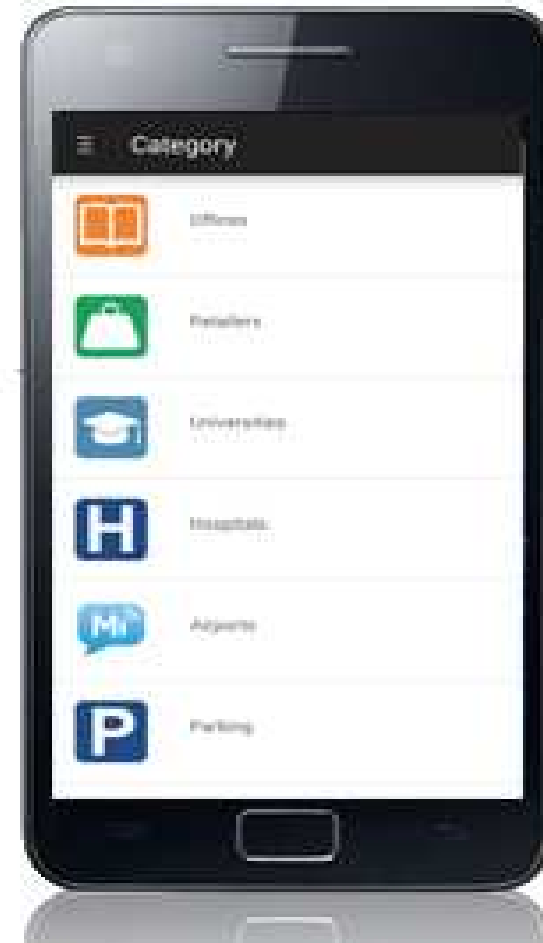
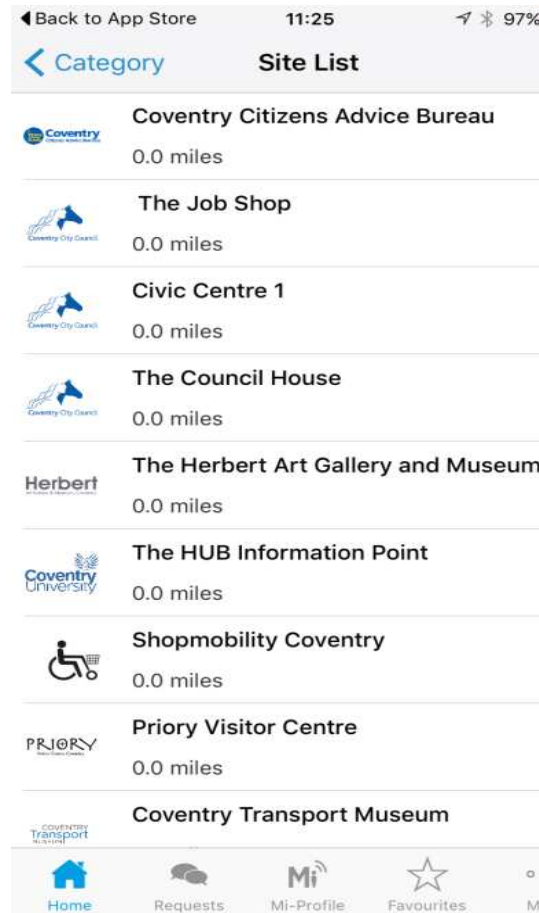
iVMS / Dynamic Routing – Proposed Routes



appyparking™



- Guiding the user to available parking spaces.
- Successful trials in St Johns Street, New Union Street, Whitefriars Lane, and Warwick Road.



The assist Mi app will be used to link the projects. Working in partnership with the developers.



Elizabeth Flowers M.A, Dip YW



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Thank you.

Any Questions?